


Source	Symbol:	Dated No. DE-36.6.1 Sheet 1 of 3 Date: 6/23
Adapted from USFA PAP 840-89-002		

Standard Detail & Specifications

Site Pollution Prevention



Notes:

The Construction Site Pollution Prevention Plan should include the following elements:

- 1. Material Inventory**

Document the storage and use of the following materials:


 - a. Crude oil
 - b. Diesel fuel
 - c. Paints, solvents and tank
 - d. Cleaning solvents
 - e. Pesticides
 - f. Wood scraps
 - g. Fertilizers
 - h. Petroleum based products
- 2. Good housekeeping practices**
 - a. Store only enough product required to do the job.
 - b. Materials shall be stored in a neat, orderly manner in their original labeled containers and covered.
 - c. Substances shall not be mixed.
 - d. Where possible, the use of a product shall be used in prior to disposal of the container.
 - e. Manufacturer's instructions for disposal shall be strictly followed to
 - f. The site owner shall designate someone to inspect all BTR's daily.
- 3. Waste management practices**
 - a. All waste materials shall be collected and stored in securely sealed drums in a location where they do not pose a environmental
 - b. Waste materials shall be segregated and/or recycled wherever possible.
 - c. The drums/containers shall be emptied a minimum of twice per week, or more if necessary. The licensed hauler is responsible for cleaning out drums/containers.

Standard Detail & Specifications
Site Pollution Prevention

Notes (cont.)

- a. Trash shall be disposed of in accordance with all applicable Department laws.
- b. Trash can be fully placed in a drum, totes and littering is strictly prohibited. Recyclables shall be placed near the construction site.
- c. Alternative bags cannot be placed in a weather proof container. They shall be kept on a pallet or covered with plastic sheeting and a cover cap and tied down.
- d. **Equipment maintenance procedures**
 - a. If possible, equipment should be taken to off-site commercial facilities for washing and maintenance.
 - b. If performed on-site, vehicles shall be washed with high-pressure water spray without the use of hoses or high-pressure water cannons.
 - c. Drip pans shall be used for all equipment maintenance.
 - d. Equipment shall be inspected for leaks on all fluid leaks.
 - e. Washout from concrete trucks shall be disposed of in a temporary pit for handling and proper disposal.
 - f. Fuel tanks shall be equipped with automatic shut-off valves.
 - g. All used products such as oil, antifreeze, solvents and tires shall be disposed of in accordance with environmental laws and codes and never be placed down any roadways.
- e. **Spill prevention procedure**
 - a. All equipment shall be de-fueled and connected to covered drums with no connection to the storm drain system.
 - b. Warning signs shall be posted in hazardous material storage areas.
 - c. Preventive maintenance shall be performed on all tanks, valves, pumps, pipes and other equipment as necessary.
 - d. Low or non-toxic substances shall be prioritized for use.

Source:	Symbol:	Detail No.
Adapted from USSEA Form 504-57-002		DE-SC-9.6.1 Sheet 2 of 3
Date:		6/2025

Standard Detail & Specifications			
Site Pollution Prevention			
Notes (cont.)			
1. Contact information for reporting spills through the DNRSC 24-Hour Toll-Free Number shall be prominently posted.			
2. Education			
a. Best management practices for construction site pollution control shall be a part of regular progress meetings.			
b. Information regarding waste management, equipment maintenance and spill prevention shall be prominently posted in the construction office.			
CONTACT INFORMATION			
DNRSC 24-Hour Toll-Free Number	800-442-2882		
DNRSC Solid & Hazardous Waste Branch	302-739-7400		
Source:	Symbol:	Detail No.	
Adapted from US EPA Pub. 600-3-92-002		DE-ESP-3.61 Sheet 3 of 3	
		Date:	
		6/25	

Standard Pencil & Specifications

STANDARD
DETAIL
SECTION

Standard Detail & Specifications
SIT Fence


Method for joining
 continuous sections

Construction Notes:

1. Geosynthetic fabric to be installed securely to fence posts with wire tie or staples.
2. When two sections of fabric abut, often each other they shall be overlapped by six inches and folded.
3. Awareness shall be performed as needed and material removed when "bulges" form in the fill line.

Materials:

1. Sheets: Steel plated 1/4" or 1/2" x 2' x 2' hardware
2. Geosynthetic Fabric: Type GCL
3. Reinforcing strip: woven unit, plastic strip or other approved equivalent
4. Predetermined Unit: Geocells, Emendure, or approved equivalent

Source	Symbol	Detail No.
Adapted from MND 605 & Specs for FSC		DE-SF-3.12.1 Sheet 2 of 2 6/05

Source: Adopted from VA ECI handbook		Symbol: <div style="border: 1px solid black; padding: 5px; display: inline-block;"> SCF </div>
Design No.: DE-EC-3.4.7 Sheet # of 2 Date: 10/27		<div style="text-align: center;"> <h2>Standard Detail & Specifications</h2> <h1>Stabilized Construct. Entrance</h1> </div> <p>5'0" min.</p> <p>Wedge rock (optional)</p> <p>1'0" min.</p> <p>Edge rock, point</p> <p>1'0" min.</p> <p>5'0" min.</p> <p>1'0" min.</p> <p>Profile</p> <p>5'0" min.</p> <p>1'0" min.</p> <p>1'0" min.</p> <p>Boulder spread</p> <p>GCS (optional)</p> <p>GCS (optional) fabric</p> <p>3" min.</p> <p>Mountable beam (as needed)</p> <p>Edge frame</p> <p>Culvert pipe (as needed)</p> <p>3" min.</p> <p>Provide positive arrangement to sediments, trapping devices</p>

[illegible]

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Standard Detail & Specifications

flirpout Outlet Protection - 2

Source: Adapted from MD E55 Manual

Symbol

RO-2

Date: 12/03/2022

Drawn No: DE-ESC-3.1.02

Sheet of 2

$L_w > 0.5 D_o$

Section B-B

NOTE: 1. Minimum of 100mm (4") to any existing or existing channel bottom at rear of flirpout apron.

Section A-A

NOTE: Key into outlet april

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Standard Detail & Specifications

filpnap Outlet Protection - 2


DMA

- Pipe diameter (D_p)
- Aspen weight (L_a)
- Aspen width (W_a)
- Aspen length (L_a)
- Aspen thickness (t_a)
- Riprap sizes (R₁ to R₅)
- Riprap sizes (R₁ to R₅)
- Riprap thickness (T)

Construction Notes:

- The subgrade for the riprap shall be prepared to the required lines and grades as shown on the plan. Any fill required in the subgrade shall be compacted to a density of approximately that of the surrounding undisturbed material.
- The riprap shall conform to the grading line as shown on the plan.
- River cobbles shall be produced from crushing, cutting or breaking. Any damage after repair, occasional small holes and be repaired by placing another piece of cobble over the damaged area. All connecting joints should overlap a minimum of 1 ft. The damage is serious, replace the entire face cobble.
- Some for the riprap outlet may be placed by equipment. Riprap shall be placed in a manner to prevent damage to the filter cloth. Final placement will be required to the extent necessary to prevent damage to the condition, structure, etc.

Source	Symbol	Detail No.
Adapted from MD 553 Manual		DE-SEC-3.3.10.2 Sheet 2 of 2 10/2023

<i>Leroy Hill Park</i>			<p>"Committed to Service Excellence"</p>
DRAWN MGC/BLI APPROVED	DATE 7/12/13 DATE		
SCALE N.T.S.	SHEET 2 of 2	PROJECT NO.	